Ledtech

LA(C)23X1-41 2.3"SINGLE DIGIT DISPLAY

(STANDARD CIRCUIT)

Features

* LOW CURRENT REQUIREMENTS
* EXCELLENT CHARACTER APPEARANCE
* HIGH LIGHT OUTPUT
* RELIABLE AND RUGGED
* IC COMPATIBLE

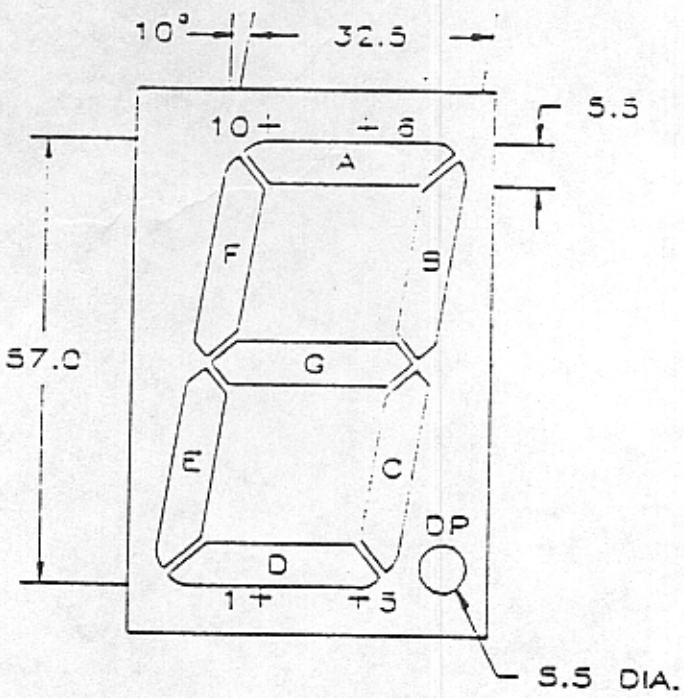
Absolute Maximum Ratings at T_A=25℃

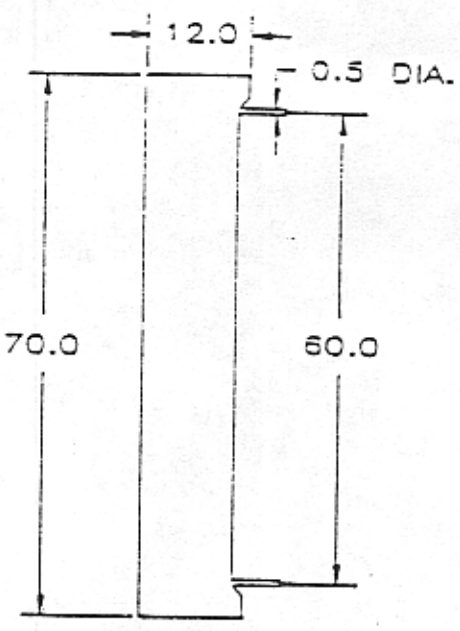
REVERSE VOLTAGE PER LED CHIP	GaAsP RED 3.0 V,OTHER 5.0 V
D.C. FORWARD CURRENT PER LED CHIP	30mA
PULSE CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH) PER LED CHIP	100mA
OPERATING TEMPERATURE RANGE	−25℃ TO +85℃
STORAGE TEMPERATURE RANGE	−25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM SEATING PLANE)	260℃ FOR 5 SEC.

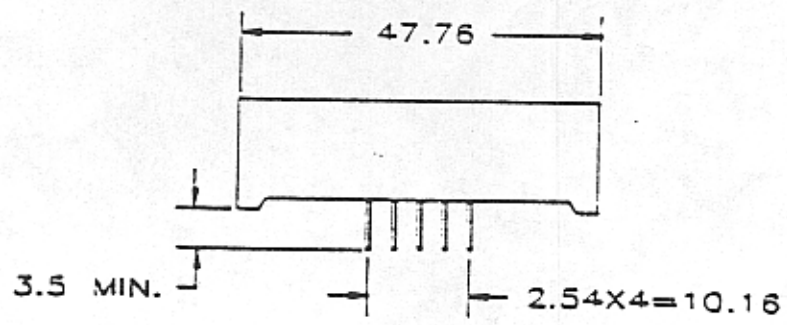
Electrical/Optical Characteristics at T_A=25℃

PART NUMBER		LED CHIP		FACE COLOR		PEAK WAVELENGTH	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)	
COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT	@20mA(nm)	SEG. TYP.	DP TYP.	MIN.	TYP.
LA2311-41EWRN	LC2311-41EWRN	GaAsP	RED	GREY	WHITE	655	6.8	3.4	0.5	1.2
LA2351-41EWRN	LC2351-41EWRN	GaP	RED	GREY	WHITE	700	8.4	4.2	0.7	1.8
LA2321-41EWRN	LC2321-41EWRN	GaP	GREEN	GREY	WHITE	567	8.4	4.2	2.7	6.8
LA2331-41EWRN	LC2331-41EWRN	GaAsP ON GaP	YELLOW	GREY	WHITE	585	8.4	4.2	2.2	5.5
LA2341-41EWRN	LC2341-41EWRN	GaAsP ON GaP	ORANGE	GREY	WHITE	635	8.4	4.2	3.1	7.8
LA2341R-41RRRN	LC2341R-41RRRN	GaAsP ON GaP	HI-EFF.RED	RED	RED	635	8.4	4.2	3.1	7.8

Package Dimensions And Pin Function







LA23X1-41 COMMON ANODE PIN NO.	FUNCTION
1.	COMMON ANODE
2.	CATHODE E
3.	CATHODE D
4.	CATHODE C
5.	COMMON ANODE
6.	CATHODE B
7.	CATHODE A
8.	CATHODE DP
9.	CATHODE F
10.	CATHODE G

LC23X1-41 COMMON CATHODE PIN NO.	FUNCTION
1.	COMMON CATHODE
2.	ANODE E
3.	ANODE D
4.	ANODE C
5.	COMMON CATHODE
6.	ANODE B
7.	ANODE A
8.	ANODE DP
9.	ANODE F
10.	ANODE G

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS ±0.25mm UNLESS OTHERWISE NOTED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE ±5.0° MAX.